

## REMARKS

Claims 12-17 are currently pending. Claims 1-11 are cancelled without prejudice.

Claim 12-17 were rejected under 35 U.S.C. § 102(b) as anticipated by Cohn and under 35 U.S.C. § 112. Claims 12, 14, 15, and 17 were also rejected under 35 U.S.C. § 102(b) as anticipated by Burns.

Claims 12 and 15 are amended and it is respectfully submitted that in view of the amendments, the rejection under 35 U.S.C. § 112 are now overcome.

Assignee has amended claim 12 to recite, among other limitations, "addressing a memory element with the combination of D addresses that satisfies the one bit difference property". Assignee respectfully submits that Cohn does not teach the foregoing. Examiner has indicated that "Cohn teaches generating N addresses [N-K Gray coded addresses plus K zero fillers as shown in Figure 1, which makes a total of N generated addresses], and the corresponding selected D addresses are the N-K Gray coded addresses." However, as can be seen in Figure 1, the N-K Gray coder positions and the K zero filler positions as well as the N-K check bit positions and K information bit positions provided by the linear coder are received by the exclusive OR gates. The output of the exclusive OR gates are provided to the addressing means 6 to address the memory 7. Assignee respectfully submits that when the output of the exclusive-OR gates is used to address the memory, "the one bit difference property" will not occur.

Now turning to Burns, Examiner has indicated that Burns teaches (figure 2 shows 32 (N=32)) and (D=32). Assignee has amended claims 12 and 15 to set forth that N is greater than D. Accordingly, Assignee respectfully submits that Burns does not teach the foregoing limitation.

Accordingly, Assignee respectfully requests allowance for claims 12 and 15, as well as to dependent claims 13, 14, 16, and 17.

Conclusion

Assignee respectfully submits that each of the pending claims are allowable, making the application in a condition for allowance. Examiner is respectfully requested to pass this case to issuance.

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 13-0017 in the name of McAndrews, Held & Malloy, Ltd.

RESPECTFULLY SUBMITTED,



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